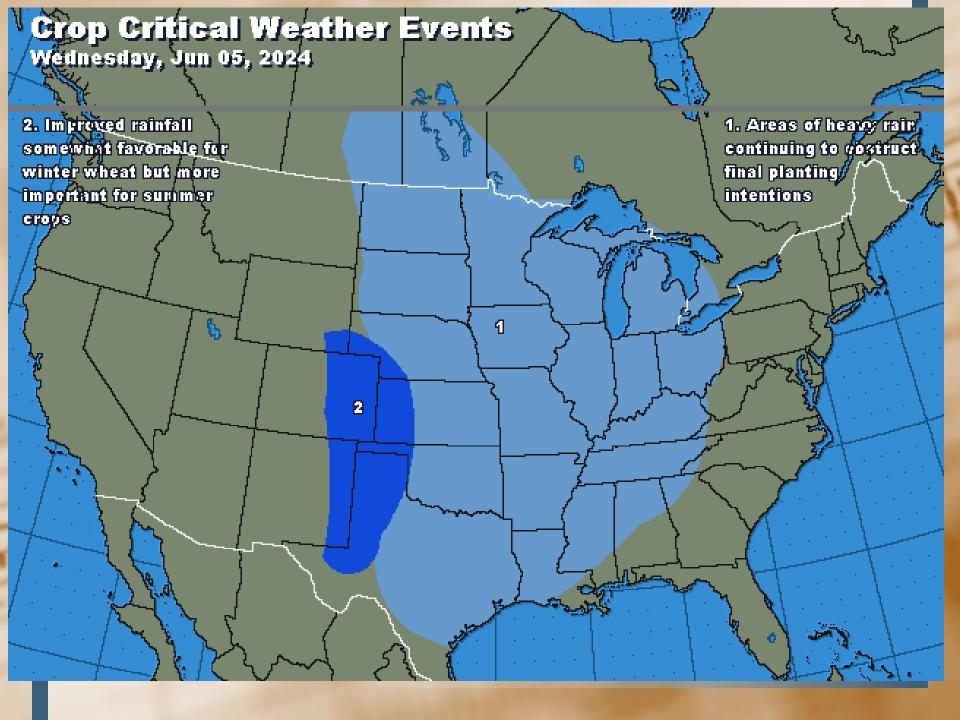


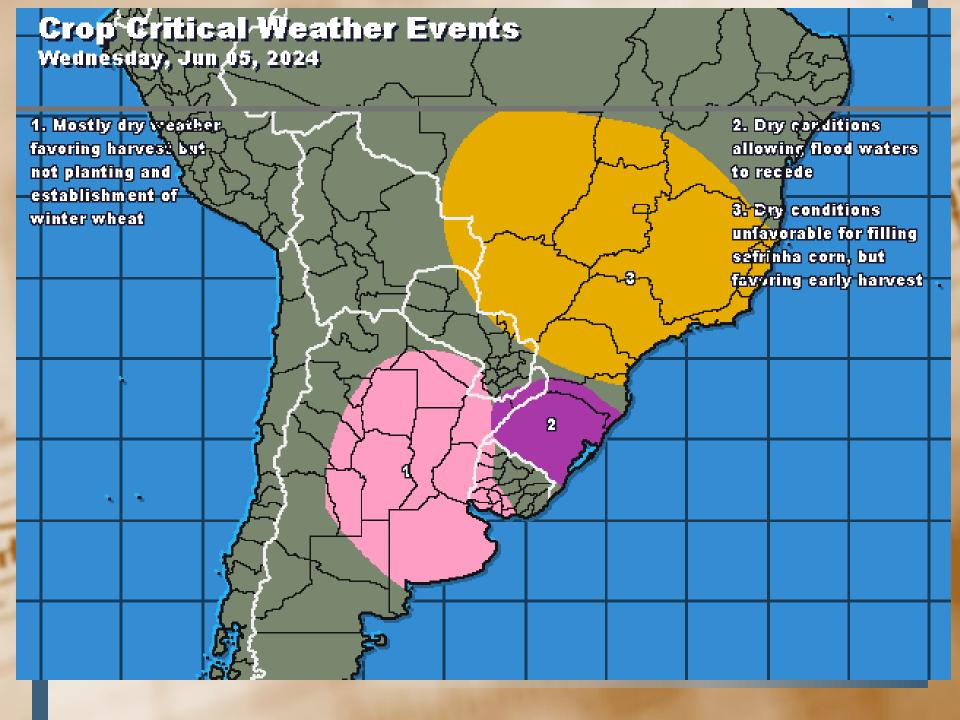
DATE JUNE 5<sup>TH</sup> 2024

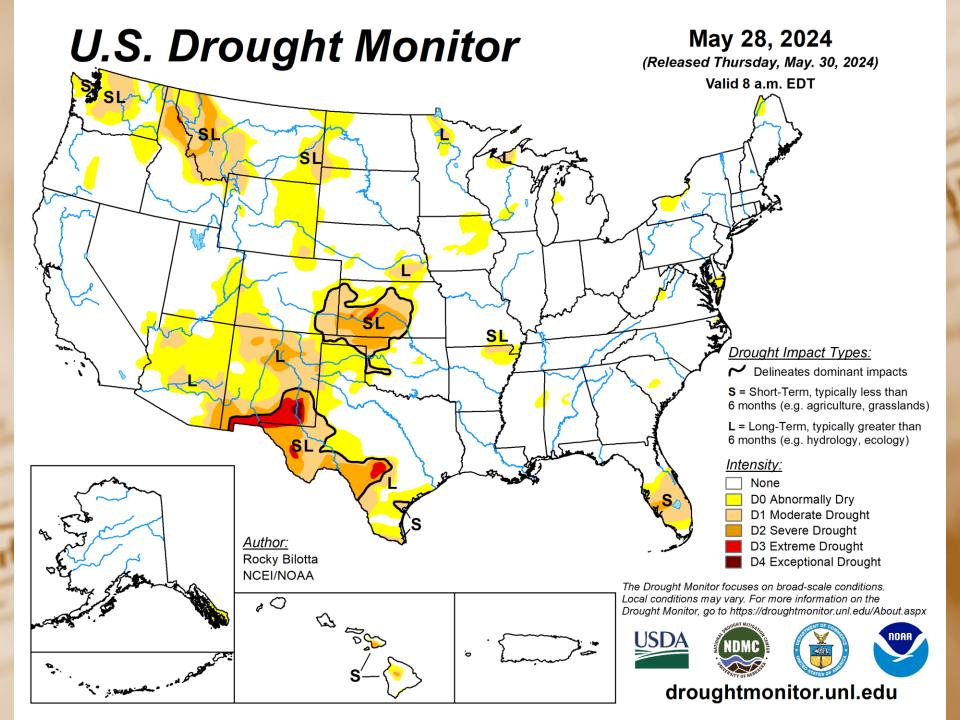


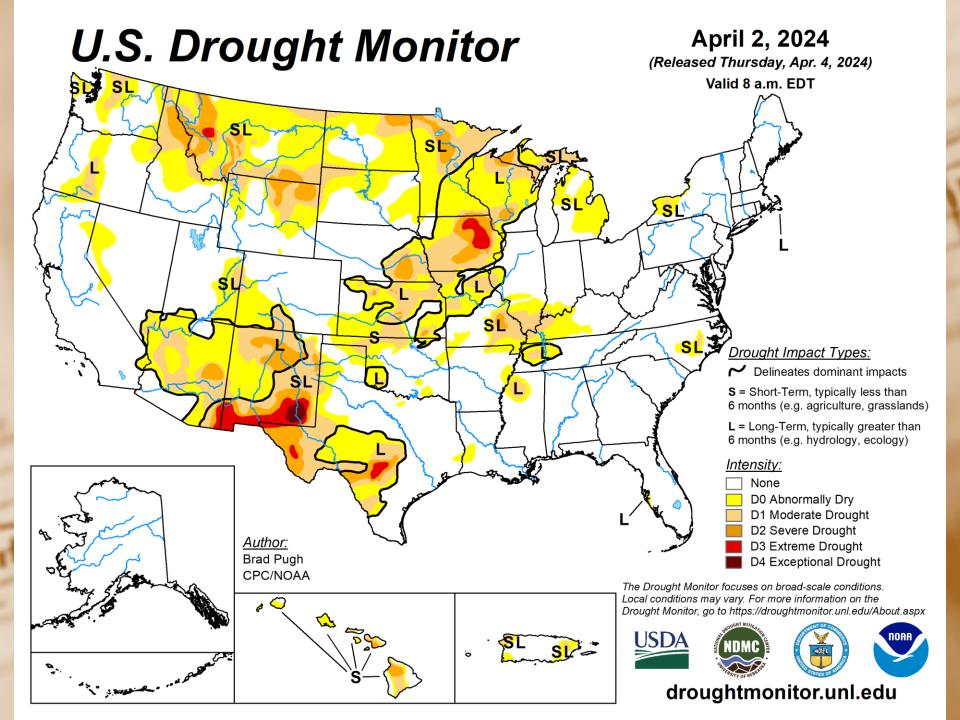


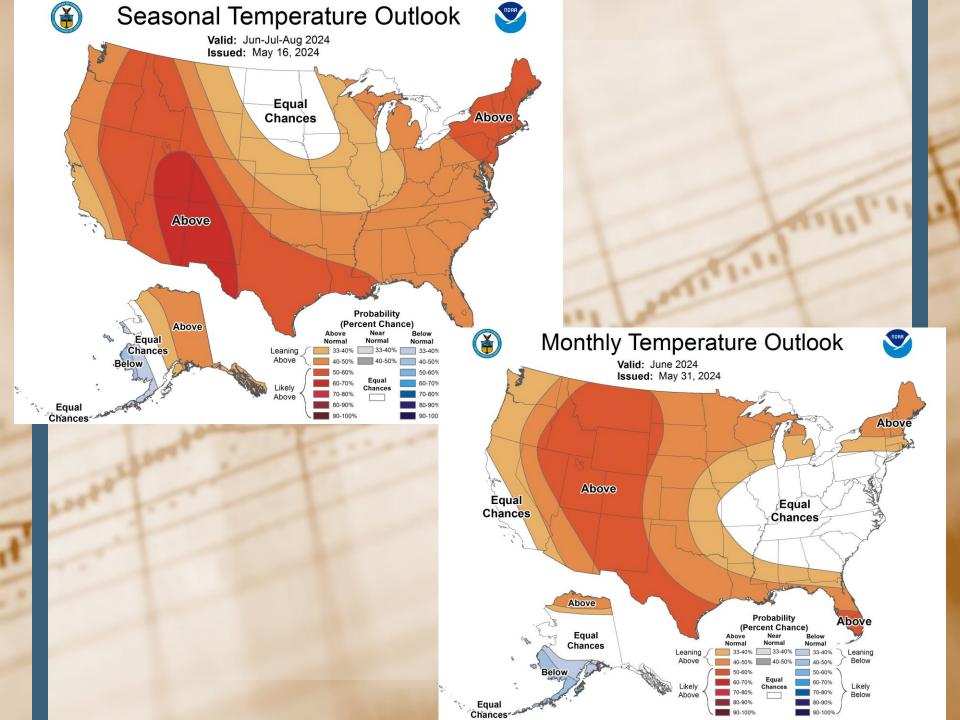


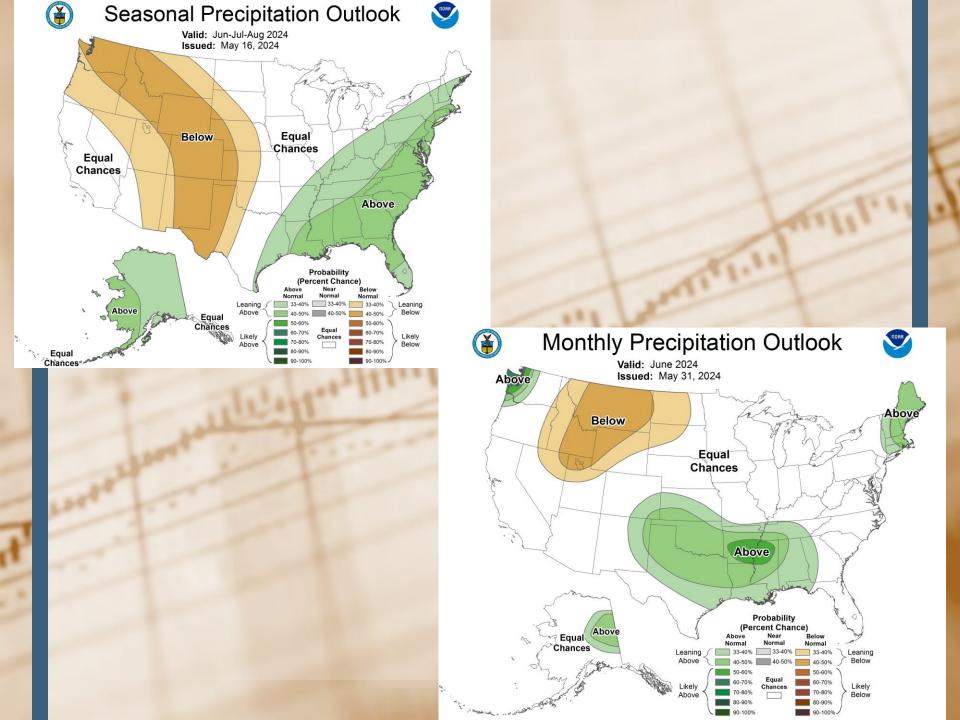


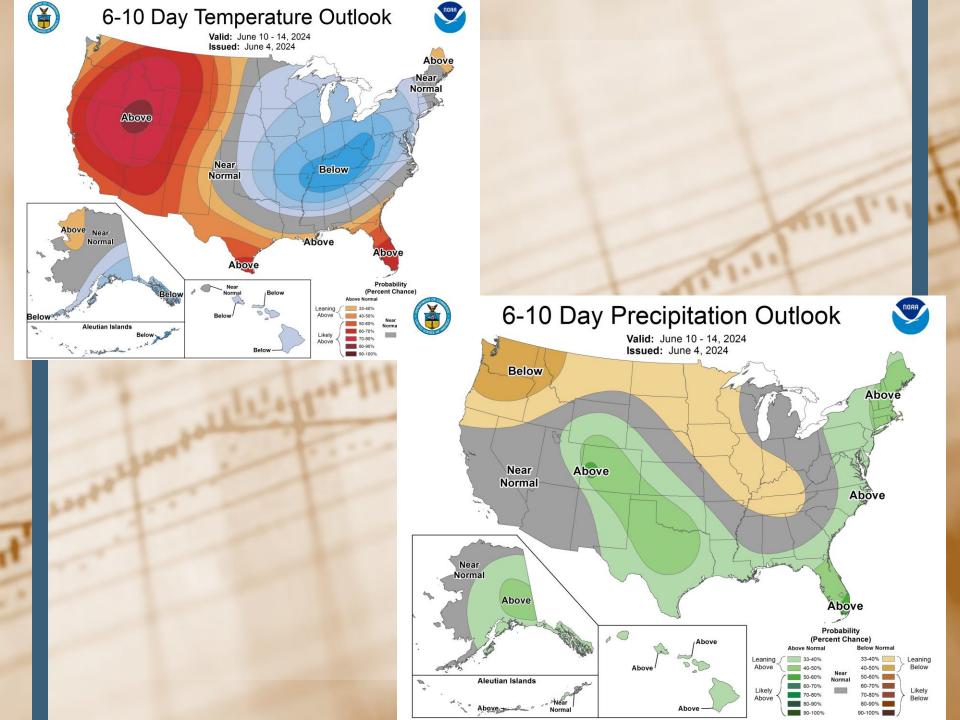


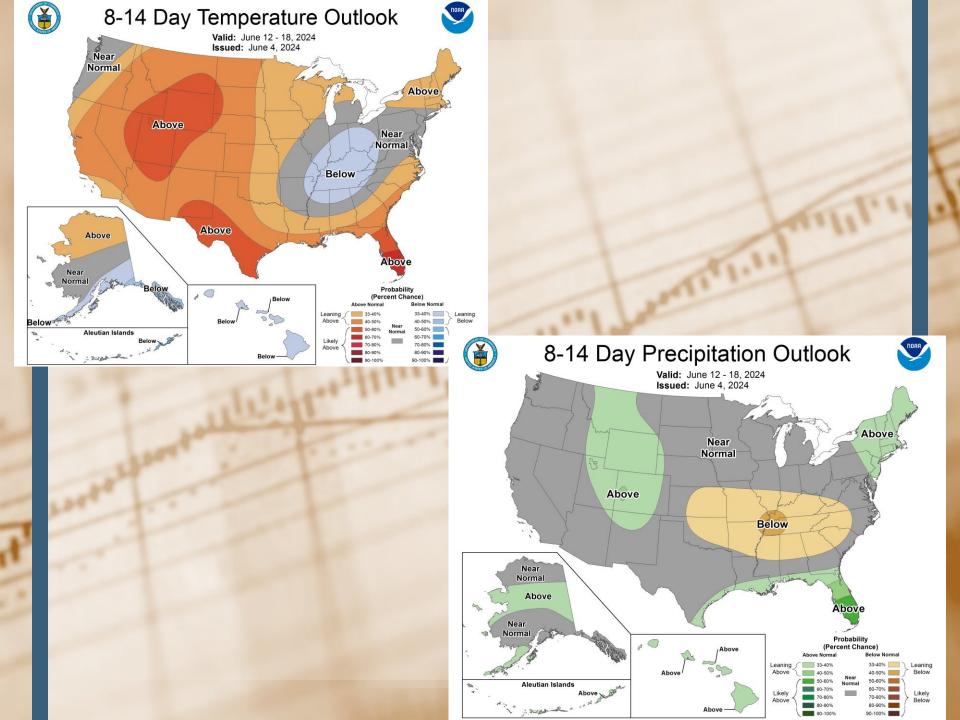












## Cost of Capital-Corn- July Futures-\$4.40, Dec Futures \$4.61

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Today's Price						4.05	5 <mark>4.10</mark>	) 4.17	7 4.21	L 4.21	. <mark>4.31</mark>	. <mark>4.36</mark>
Interest Rate							8.50%	8.50%	8.50%	8.50%	8.50%	8.50%
Months to Hold							1	L 2	2 3	3 4	ļ 5	6
To break even on interest only you need cash							4.03	3 4.06	5 4.09	9 4.12	2 4.15	4.18

- General: Current General Market Movers
- June 12<sup>th</sup> WASDE Report
- Planting Delays, Final Planting Dates, switching crops or PP
- June rallies only happen ½ the time for commodities. Strong US Dollar
- Initial Corn Progress is highest in 5
  years which supports trendline, Corn
  72% G/E, Wheat better than expected
- Funds testing support levels. Near term chance to test highs before July is low

# Cash Prices for Old Crop and New Crop-Marketing Impact Factors

- · Corn:
- 9% of nation's Corn crop to plant or around 7.6 million acres, mostly in IL, IN, IA, MN, ND, SD and WI
- 80% of the time growing season markets take out Jan highs-5.02Dec, got to \$4.966 on May 15<sup>th</sup> 2024.
- 2024 Corn Bean Ratio-2.50 to 1 = support for Corn (long term is 2.41 to 1), narrowing from 2.52 last meeting
- July support at \$4.37 with resistance at \$4.75

# Cash Prices for Old Crop and New Crop-Marketing Impact Factors

### Soybeans:

- 22% of nation's Soybean crop to plant or around 19 million acres, below expectations and 5-year average, 4 million in MN/ND
- Crush margins are under pressure
- June report is known for providing some surprises
- 80% of the time growing season markets take out Jan highs-12.37Nov got to 12.304 on May 7<sup>th</sup>, 2024
- July support \$12.00 and resistance at \$13.05

# Cash Prices for Old Crop and New Crop-Marketing Impact Factors

### Wheat:

- World wheat fundamentals are still bullish, but bulls need to be feed and news needs to come from Russia/Ukraine and Europe. Private estimates for Russia is severely lower
- 6% of nation's Spring Wheat crop to plant or around 648,000 acres, mostly in ND at 477,000
- 80% of the time growing season markets take out Jan highs 7.46Sept-Took out high on 5/13 at 7.50 reached new high on 5/28 at 7.762
- 2024 Wheat/Corn Ratio is 1.57 to 1 (typical is 1.7 to 1) widening from last meeting at 1.53
- July support at \$7.00 and resistance at \$7.65

# 2023 Marketing Comparison-using unpriced grain at current futures prices, not interest cost

- FINAL-Marketing Group-Corn-\$5.06, Soybeans \$12.75,
   Wheat \$7.90
- Martinson-Corn-\$4.90, Soybeans-\$12.28, Wheat-\$7.12
- Money Farm-Corn-\$5.09, Soybeans-\$13.11, Wheat-\$7.88
- Final Futures prices-Usset-Corn-\$5.35, Soybeans-\$13.37, Wheat-\$8.62
- BOLD-FINAL Price
- Underlined-Best Price

# 2024 Marketing Comparison-using unpriced grain at current futures prices

- Marketing Group-Corn-\$4.85, Soybeans \$11.91, Wheat
   \$7.46
- Martinson-Corn-\$4.59, Soybeans-\$11.51, Wheat-\$7.40
- Money Farm-Corn-\$4.69, Soybeans-\$11.73, Wheat-\$7.27
- Usset-Corn-\$4.63, Soybeans-\$11.63, Wheat-\$7.41
- BOLD-Some Priced
- Underlined-Best Price

E	ELEC. CO	RN (@	C) [10]		ELEC. SOYBEANS (@S) [10] ELEC. WHEAT (@W)				W) [10]					
Month	Last	Chg	High	Low	Month	Last	Chg	High	Low	Month	Last	Chg	High	Low
Jul-24	439'2s	-3'2	444'2	438'2	Jul-24	1177'2s	-1'6	1191'6	1175'2	Jul-24	646'6s	-11'4	664'2	642'6
Sep-24	445'6s	-2'4	450'6	445'0	Aug-24	1174'2s	-3'2	1188'2	1172'2	Sep-24	668'4s	-11'4	685'4	664'4
Dec-24	459'0s	-3'0	464'2	458'4	Sep-24	1150'2s	-4'2	1163'4	1148'2	Dec-24	695'0s	-10'6	711'0	691'0
Mar-25	472'0s		476'4	471'4	Nov-24	1150'4s	-5'4	1164'6	1148'2	Mar-25	714'6s	-9'4	729'2	710'2
May-25	479'6s		484'0	479'2	Jan-25	1165'0s	-5'2	1178'4	1162'6	May-25	722'6s	-8'2	735'6	718'2
Jul-25	485'2s		489'6	485'0	Mar-25	1167'4s	-5'0	1180'6	1165'0	Jul-25	718'6s	-8'2	730'6	715'6
Sep-25	472'0s				May-25	1172'4s	-5'0	1184'2	1170'0	Sep-25	720'6s	-8'2	731'4	718'4
Dec-25	473'6s			473'2	Jul-25	1178'4s	-4'6	1190'4	1176'0	Dec-25	727'4s	-7'4	736'6	725'0
ELE	CTRONIC	OATS	(@O) [	10]	<b>ELECTRO</b>	NIC SOYE	BEAN M	EAL (@S	SM) [10]	ELECTRO	NIC SOY	BEAN (	OIL (@B	O) [10]
Month	Last	Chg	High	Low	Month	Last	Chg	High	Low	Month	Last	Chg	High	Low
Jul-24	352'4s	-13'0	373'0	352'2	Jul-24	359.5s	4.4	365.5	355.0	Jul-24	43.13s	-0.49	43.93	43.03
Sep-24	358'0s	-13'4	372'4	357'6	Aug-24	354.6s	3.4	359.5	351.0	Aug-24	43.38s	-0.47	44.16	43.29
Dec-24	364'6s	-9'0	375'2	364'2	Sep-24	351.7s	2.5	356.2	349.0	Sep-24	43.49s	-0.49	44.28	43.41
Mar-25	368'4s				Oct-24	350.5s		355.0	348.3	Oct-24	43.51s		44.29	43.46
May-25	374'4s				Dec-24	354.2s	1.6	358.6	351.6	Dec-24	43.76s		44.55	43.70
Jul-25	379'2s				Jan-25	355.3s		359.4	352.8	Jan-25	43.98s	-0.45	44.71	43.90
Sep-25	391'0s				Mar-25	354.3s		358.0	351.9	Mar-25	44.23s	-0.40	44.85	44.14
Dec-25	397'6s				May-25	353.9s	0.8	357.1	352.0	May-25	44.49s	-0.40	45.10	44.39
ELECTRO	ONIC ROL	JGH RI	CE (@F	RR) [10]	ELE	C. HRW W	HEAT (	@KW) [1	0]	ELEC	. HRS WI	HEAT (@	] (WM@	10]
Month	Last	Chg	High	Low	Month	Last	Chg	High	Low	Month	Last	Chg	High	Low
Jul-24	17.415s ·	-0.160	17.730	17.410	Jul-24	676'2s	-11'0	693'6	672'6	Jul-24	712'4s	-11'0	729'4	710'6
Sep-24	15.470s	0.065	15.695	15.180	Sep-24	690'4s	-10'6	707'4	687'0	Sep-24	721'4s	-11'6	739'6	720'0
Nov-24	15.560s	0.050	15.725	15.390	Dec-24	710'4s	-10'6	727'4	706'6	Dec-24	737'6s		755'6	736'2
Jan-25	15.670s	0.055	15.800	15.800	Mar-25	724'4s	-10'4	740'6	721'0	Mar-25	750'4s		768'2	748'0
	15.745s				May-25	729'6s	-9'4	743'6	725'6	May-25	754'2s		760'2	753'4
,	15.955s				ELEC.	TRONIC C	ANOLA	(@RS)	[10]	Jul-25	751'2s	-14'0	750'2	749'0
Jul-25	16.100s	0.065			Month	Last	Chg	High	Low					
					Jul-24	617.1s	-10.9	631.1	615.4					
					Nov-24	642.0s	-9.2	655.0	640.4					
					Jan-25	649.5s	-7.8	660.4	648.4					
					Mar-25	655.2s	-6.5	664.8	654.2					
					May-25	659.4s	-4.3	664.0	657.8					

Quotes generated on: Wed, Jun 5, 2024 2:18 PM CDT \*Quotes are in market time

#### LOCAL CASH GRAIN PRICES

Northland College-http://www.northlandfbm-moorhead.com/

Ron Dvergsten 218-686-5448 / Josh Tjosaas 218-299-5863-Instructors

	6/5/	2024 2:18 p	.m.	6/3/2	2024 9:25 a.	m.	5/27/2024 5:10 p.m.			5/20/2024 10:00 a.m.		
	2023 Crop	2023 Crop	<b>2024 Crop</b>	2023 Crop	2023 Crop	<b>2024 Crop</b>	2023 Crop	2023 Crop	<b>2024 Crop</b>	2023 Crop	2023 Crop	<b>2024 Crop</b>
WHEAT:	Jly 24-June Del	Jly 24-July Del	Sept 24-Aug Del	<u>Jly 24-June</u> <u>Del</u>	Jly 24-July Del	Sept 24-Aug Del	Jly 24-May Del	Jly 24-June Del	<u>Sept 24-Aug</u> <u>Del</u>	<u>Jly 24-May</u> <u>Del</u>	Jly 24-June Del	<u>Sept 24-Aug</u> <u>Del</u>
Georgetown	6.71			6.99			7.11			6.91		
Maple River	6.63	6.63	<mark>6.52</mark>	6.91	6.91	<mark>6.81</mark>	7.03	7.03	<mark>6.93</mark>	6.83	6.83	<mark>6.74</mark>
Protein	+.03*1/5			+.03*1/5			+.03*1/5			+.03*1/5		
GFE	06*1/5			06*1/5			06*1/5			06*1/5		
Basis:Gtwn	-0.42			-0.42			-0.42			-0.42		
Breck	6.52-0.60	6.52-0.60	<b>6.51-0.70</b>	6.81-0.60	6.81-0.60	<b>6.81-0.70</b>	6.93-0.60	6.93-0.60	<b>6.92-0.70</b>	6.73-0.60	6.73-0.60	6.74-0.70
Felton	6.65-0.47	6.65-0.47	<b>6.54-0.67</b>	6.99-0.42	6.99-0.42	<b>6.89-0.62</b>	7.10-0.42	7.10-0.42	<b>7.00-0.62</b>	6.91-0.42	6.91-0.42	<b>6.82-0.62</b>
MRG	-0.50	-0.50	<mark>-0.70</mark>	-0.50	-0.50	<mark>-0.70</mark>	-0.50	-0.50	<mark>-0.70</mark>	-0.50	-0.50	<mark>-0.70</mark>
									The state of the s			- Mariana - Mari
<b>SOYBEANS:</b>	July 24-June Del	July 24-July Del	Oct 24-Nov Del	July 24-June Del	July 24-July Del	Oct 24-Nov Del	July 24-May Del	July 24-June Del	Oct 24-Nov Del	July 24-May Del	July 24- June Del	Oct 24-Nov Del
Georgetown	10.54			10.77			11.10			11.03		
Maple River	10.59	10.59	<b>10.71</b>	10.78	10.78	<b>10.95</b>	11.30	11.30	<b>11.40</b>	11.26	11.26	<b>11.34</b>
Basis: Gtwn	-0.97Nov			-0.97Nov			-1.10Nov			-1.10Nov		
Breck	10.82-0.95	10.87-0.90	10.75-0.75	11.05-0.95	11.05-0.90	11.00-0.75	11.53-0.95	11.58-0.90	11.44-0.75	11.59-0.85	11.59-0.85	11.39-0.75
Felton	10.43-1.07N	10.43-1.07N	10.53-0.97	10.72-1.02N	10.72-1.02N	10.83-0.92	11.17-1.02N	11.17-1.02N	11.27-0.92	11.11-1.02N	11.11- 1.02N	11.22-0.92
MRG	-1.18	-1.18	<mark>-0.80</mark>	-1.18	-1.18	<mark>-0.80</mark>	-1.18	-1.18	<mark>-0.80</mark>	-1.18	-1.18	<mark>-0.80</mark>
CORN:	Jly 24-June Del	Jly 24-July Del	Dec 24-Dec Del	<u>Jly 24-June</u> Del	Jly 24-July Del	Dec 24-Dec Del	<u>Jly 24-May</u> Del	Jly 24-June Del	<u>Dec 24-Dec</u> <u>Del</u>	Jly 24-May Del	Jly 24- June Del	<mark>Dec 24-Dec</mark> Del
Georgetown	3.82			3.85			4.08			4.02		
Cargill	4.09	4.09	<mark>4.34</mark>	4.07	4.12	<mark>4.39</mark>	4.25	4.25	<b>4.63</b>	4.19	4.19	<b>4.53</b>
Basis-Gtwn	-0.57			-0.57			-0.57			-0.57		
Cargill	-0.30	-0.30	-0.25	-0.35	-0.30	-0.25	-0.40	-0.40	-0.25	-0.40	-0.40	<del>-0.30</del>
Felton	3.77-0.62	3.77-0.62	3.87-0.72	3.80-0.62	3.80-0.62	3.92-0.72	4.02-0.62	4.02-0.62	<b>4.16-0.72</b>	3.97-0.62	3.97-0.62	<b>4.11-0.72</b>
MRG	3.82-0.57	3.82-0.57	<b>3.92-0.67</b>	3.85-0.57	3.85-0.57	<b>3.97-0.67</b>	4.03-0.62	4.08-0.57	<b>4.21-0.67</b>	3.97-0.62	3.97-0.62	4.16-0.67

Loan Rates

	2024	2024	2024
Crop	Clay	Norman	Wilkin
Wheat	3.93	3.92	3.94
Corn	2.07	2.04	2.05
Soybeans	5.99	5.95	6.01

Commodity Int. Rate: 6.125% May 1, 2024 Farm Store Loan

Annual Interest Rate	Length of Loan Term	Annual Interest Rate	Length of Loan Term
4.625%	3 years	4.375%	10 years
4.375%	5 years	4.500%	12 years
4.375%	7 years		

#### MARKETING NEWSLETTER COMPARISONS

Northland College-Josh Tjosaas and Ron Dvergsten, Instructors

6-5-2024	WHEAT	SOYBEANS	CORN	OTHER
Pro Farmer:	23: 100% sold for cash sellers and 100% sold for HTC, 0% FO 24: 50% sold for cash sellers and 50% sold for HTC, 0% FO 25: 10% Sold for Cash and HTC	23: 60% Cash, 65% Hedgers/0%FO 24: 10% Sold Cash, 10% sold HTC Trend is steady.	23: 50% Cash, 50% Hedgers/0%FO 24: No recommendation yet Trend is steady.	Cattle: No Sales Trend is up.
Money Farm:	23: 60% Sold at \$8.38 24: 30% Sold at \$7.00 Sept	23: 75% Cash/Futures at \$13.56, 0% GTC 24: 20% Cash/Futures at \$12.60	23: 75% Cash/Futures at \$5.32 24: 20% Cash/Futures at \$5.10	Allison Noll writes this daily newsletter.
Martinson Ag:	23: 0% Sold 24: 15% Sold at Dec \$7.53	23: 25% Sold at 13.80 Futures 24: 0% Sold	23: 60% Sold at \$5.24 Futures 24: 0% Sold	Randy Martinson writes this daily newsletter.
Roach Ag:				
Mhd Mkt Group:	23: 100% Sold at \$7.66 cash/\$7.90 24: 52% Sold at \$7.54 Futures	23: 100% Sold at \$12.12 Cash/\$12.75 24: 51% Sold at \$12.30 Nov 24, Target \$12.30+ Futures	23: 100% Sold at \$4.60 cash/\$5.06 24: 30% sold at \$5.48 Dec 24, Target \$5.00 Futures	
Usset, U of MN:	Updated 2/23/2024 23: 100% Sold at \$8.90 cash 24: 17% Sold at \$7.50 Sept	Updated 5/20/2024 23: 63% sold, lifted hedge, so remaining 37% is open 24: 18% Sold at \$12.17 Nov	<u>Updated 5/20/2024</u> 23: 50% sold at \$5.20 <b>24: 15% Sold at \$4.84 Dec 24</b>	You can check out Ed Usset's plans at https://www.cffm.umn.edu/grain-marketing-plans/
Terms:	CBT-Chicago Board of Trade	OC-Old Crop	P–Put Option	FC-Forward Contract
	MGE-Minneapolis Grain Exchange	NC-New Crop	C-Call Option	H-Hedge
	KC–Kansas City Board of Trade	OTM-Out-of-the-Money	ATM-At-the-Money	F/O-Futures/Options

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rely solely on this communication in making trading decisions."

or options is substantial and each investor and/or trader must consider whether this is a suitable investment. By accepting this communication, you agree that you are capable of making independent trading decisions, and agree that you are not, and will not,

#### 2023 Base Line Prices for Wheat, Soybeans and Corn

Local price (forward contract) quoted at AGV Barnesville, MN (Wheat & Soybeans) and Cargill (Wahpeton Corn Plant) for 2022 grain on the second Monday of each month. County Loan is the Minimum Price.

Month	Wheat	Basis	Soybeans	Basis	Corn	Basis
Jan 2023	8.10	-0.70	13.38	-0.60	5.50	-0.40
Feb	8.36	-0.55	13.20	-0.60	5.53	-0.40
Mar	7.77	-0.55	12.95	-0.55	5.19	-0.40
Apr	8.16	-0.55	12.55	-0.55	5.22	-0.35
May	7.92	-0.55	12.04	-0.67	4.94	-0.35
June	7.56	-0.55	11.93	-0.50	5.18	-0.35
July	7.93	-0.55	12.42	-0.80	4.55	-0.40
Aug	7.43	-0.70	12.47	-0.70	4.58	-0.30
Sept	6.91	-0.90	12.93	-0.70	4.49	-0.35
Oct	6.64	-0.65	11.85	-0.80	4.62	-0.30
Nov	6.87	-0.40	12.79	-0.95	4.29	-0.40
Dec	6.81	-0.50	12.65	-0.70	4.47	-0.40
Jan 2024	6.72	-0.35	11.75	-0.75	4.26	-0.35
Feb	6.30	-0.55	10.99	-0.93	4.02	-0.30
Mar	6.38	-0.25	10.86	-0.90	4.13	-0.25
Apr	6.29	-0.25	10.94	-0.90	4.06	-0.30
May	7.00	-0.35	11.25	-0.90	4.63	-0.30
Jun						
Average	7.24	-0.52	12.17	-0.74	4.69	-0.35

#### 2024 Base Line Prices for Wheat, Soybeans and Corn

Local price (forward contract) quoted at AGV Barnesville, MN (Wheat & Soybeans) and Cargill (Wahpeton Corn Plant) for 2024 grain on the second Monday of each month. County Loan is the Minimum Price.

Month	Wheat	Basis	Soybeans	Basis	Corn	Basis
Jan 2024	6.75	-0.65	11.30	-0.75	4.53	-0.40
Feb	6.22	-0.70	10.91	-0.80	4.31	-0.40
Mar	6.08	-0.65	11.01	-0.75	4.30	-0.40
Apr	6.06	-0.65	11.09	-0.75	4.33	-0.40
May	6.76	-0.65	11.35	-0.80	4.53	-0.40
June						
July						
Aug						
Sept						
Oct						
Nov						
Dec						
Jan 2025						
Feb						
Mar						
Apr						
May						
Jun						
Average	6.37	-0.66	11.13	-0.77	4.4	-0.40

Basis Check Elevators	5/24/2024	5/27/2024	5/29/2024	5/31/2024	6/3/2024	6/5/2024	
Old Corn-Ag Valley	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	
Old Corn-Felton	-0.62	-0.62	-0.62	-0.62	-0.62	-0.62	
Old Corn-Cargill	-0.4	-0.4	-0.4	-0.4	-0.3	-0.35	
Old Corn-Georgetown	-0.57	-0.57	-0.57	-0.57	-0.57	-0.57	
Old Corn-Tharaldson	-0.45	-0.45	-0.45	-0.45	-0.4	-0.4	
Old Corn-CW Valley	-0.53	-0.53	-0.53	-0.53	-0.53	-0.5	
Old Corn-Valley United	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	
Old Corn-Maple River	-0.62	-0.62	-0.62	-0.62	-0.57	-0.57	
Old Soybean-Ag Valley	-0.90	-0.90	-0.90	-0.90	-0.90	-0.90	
Old Soybean-Felton	-1.02	-1.02	-1.02	-1.02	-1.02	-1.07	
Old Soybean-Minn Kota	-0.95	-0.95	-0.95	-0.95	-0.9	-0.95	
Old Soybean-Georgetown	-1.1	-1.1	-1.1	-0.97	-0.97	-0.97	
Old Soybean-CW Valley	-1	-1	-1	-1	-1	-1	
Old Soybean-Valley United	-1	-1	-1	-1	-1	-1	
Old Soybean-Maple River	-1.18	-1.18	-1.18	-1.18	-1.18	-1.18	
Old S.WAg Valley	-0.65	-0.65	-0.65	-0.65	-0.65	-0.65	
Old S.WFelton	-0.42	-0.42	-0.42	-0.42	-0.42	-0.47	
Old S.WMinn Kota	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	
Old S.WGeorgetown	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	
Old S.WCW Valley	-0.55	-0.6	-0.6	-0.6	-0.6	-0.6	
Old S.WValley United	-0.45	-0.45	-0.45	-0.45	-0.45	-0.5	
Old S.WMaple River	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	
New Corn 24-Ag Valley	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	
New Corn 24-Felton	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	
New Corn 24-Cargill	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	
New Corn 24-Georgetown							
New Corn 24-Tharaldson	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	
New Corn 24-CW Valley	-0.65	-0.65	-0.65	-0.65	-0.65	-0.65	
New Corn 24-Valley United	-0.65	-0.65	-0.65	-0.65	-0.65	-0.7	
New Corn 24-Maple River	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	
New Soybean 24-Ag Valley	-0.8	-0.8	-0.8	-0.8	-0.85	-0.85	
New Soybean 24-Felton	-0.92	-0.92	-0.92	-0.92	-0.92	-0.97	
New Soybean 24-Minn Kota	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	
New Soybean 24-Georgetown							
New Soybean 24-CW Valley	-0.85	-0.85	-0.85	-0.85	-0.85	-0.85	
New Soybean 24-Valley United	-0.8	-0.8	-0.8	-0.85	-0.85	-0.9	
New Soybean 24-Maple River	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	
New S.W. 24-Ag Valley	-0.65	-0.65	-0.65	-0.65	-0.65	-0.65	
New S.W. 24-Felton	-0.62	-0.62	-0.62	-0.62	-0.62	-0.67	
New S.W.24-Minn Kota	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	
New S.W. 24-Georgetown							
New S.W. 24-CW Valley	-0.65	-0.65	-0.65	-0.65	-0.65	-0.65	
New S.W. 24-Valley United	-0.65	-0.65	-0.65	-0.65	-0.65	-0.7	
New S.W. 24-Maple River	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	

# 2023 Wheat Breakeven \$7.81



### 2023 Soybeans Breakeven \$11.70







# 2024 Wheat Breakeven \$7.96



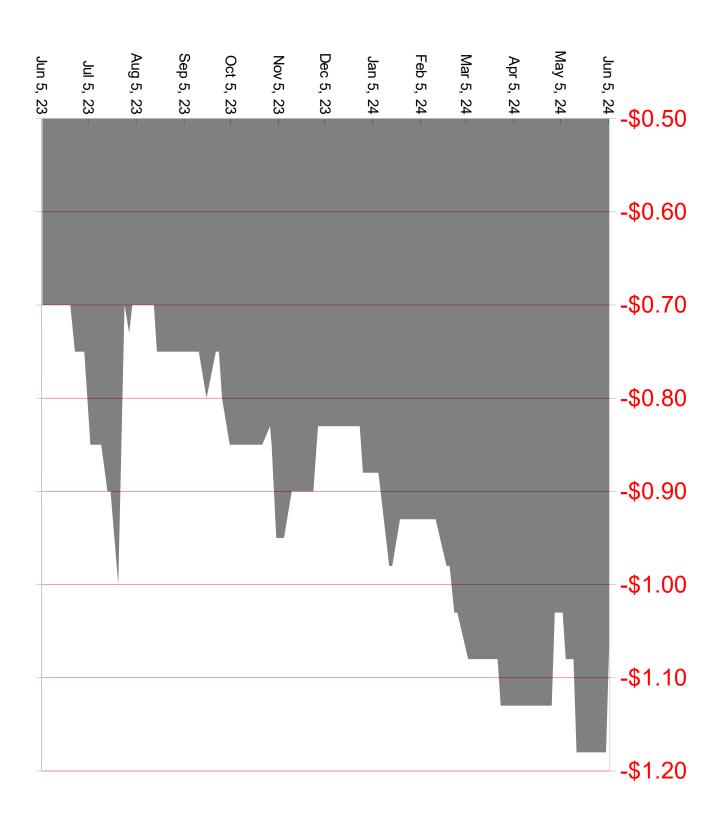
### 2024 Soybeans Breakeven \$11.20



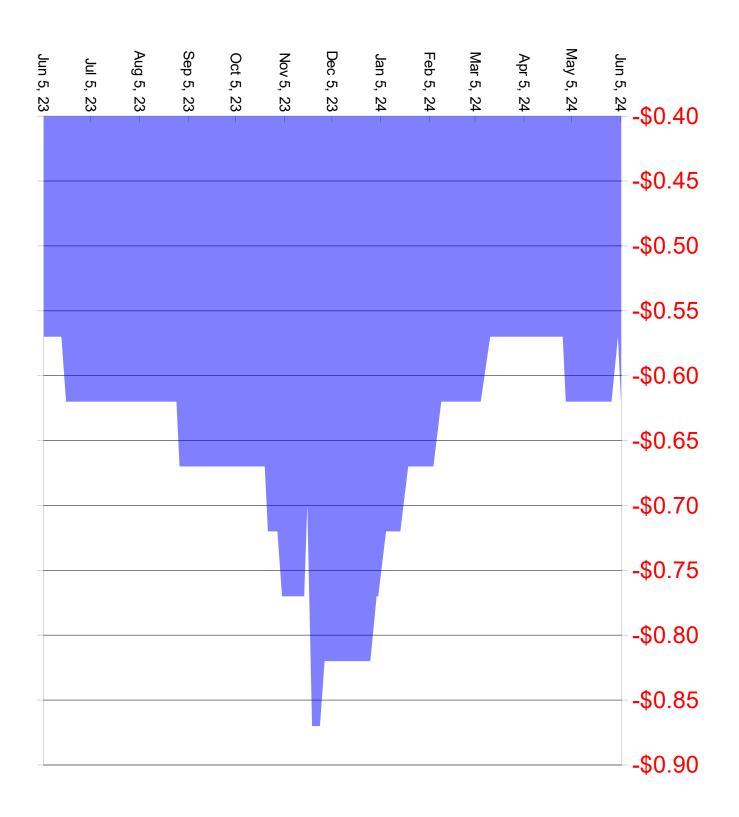
2024 Corn Breakeven \$4.50



## 2023 Soybean basis



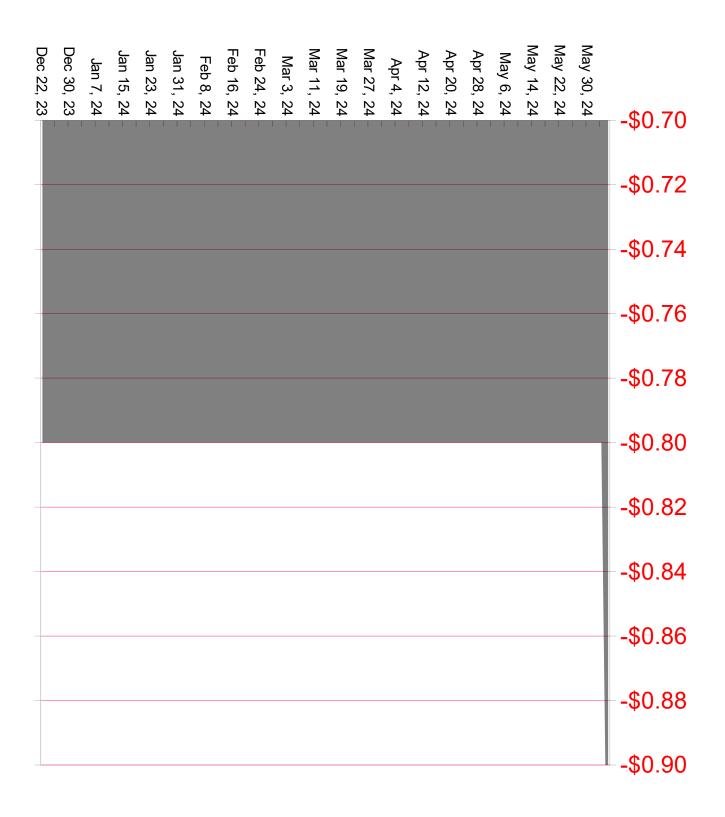
### 2023 Corn basis



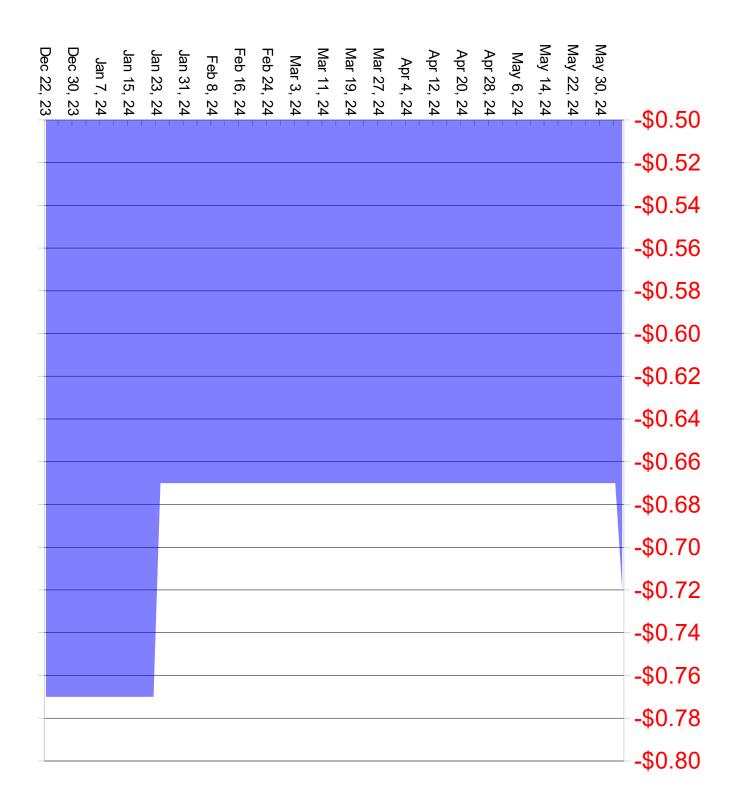
### 2023 Wheat basis



# 2024 Soybean basis



### 2024 Corn basis



### 2024 Wheat basis



Name: Farm Business Management-Projection for 2023 Central RRV Valley

2023 Futures 7.2 11.84 4.42 Prices as of 6/5/2024 8:52 a.m.

2023 PROJECTED FARM ( Projected Future Prices-Basis	<u>CA</u> \$	(0.42)	Ф	(0.90)	Φ	(0.30)		Non JV		nalysis								Old Crop
Based on historical values	Ψ	WHEAT		OYBEANS	Ψ	CORN		SugarBeet		unflowers		Barley	E	dible Beans		Seed/Soy	<del></del>	Hay
Acres		1	<u> </u>	1		1		1	<u> </u>	1		1		1		<u>3eed/30y</u>		<u>пау</u> 1
Yield Per Acre		71.55		39.73		164.71		28.44		24.01		94.46		22.00		36.48		3.54
Price Received per unit	\$		\$	10.94	\$	4.12	\$	79.79	\$	15.50	\$	5.90	\$	32.00	\$	11.94	\$	160.00
Total Product Return per Acre	\$	485.11	\$	434.65		678.61		2,269.23		372.16	\$	557.31	\$	704.00		435.57		566.40
Gross Return per Acre	\$	485.11	\$	434.65	\$	678.61	\$	2,269.23	\$	372.16	\$	557.31	\$	704.00	\$	435.57	\$	566.40
DIRECT EXPENSES	_																	
Seed	\$	30.00	\$	64.00	\$	101.00	\$	280.00	\$	38.00	\$	26.00	\$	70.00	\$	65.00		
Fertilizer	\$	155.00	\$	22.00	\$	186.00	\$	138.00	\$	74.00	\$	104.00	\$	135.00	\$	32.00	\$	61.00
Crop Chemicals	\$	45.00	\$	50.00	\$	38.00		151.00	\$	52.00	\$	42.00	\$	95.00	\$	58.00	\$	8.00
Crop Insurance	\$	18.00	\$	23.00	\$	27.00	\$	47.00	\$	15.00	\$	19.00	\$	34.00		18.00	\$	4.00
Fuel and Oil	\$	19.00	\$	19.00		35.00		72.00		13.00	\$	26.00		29.00		21.00		42.00
Repairs	\$	39.00	\$	39.00		71.00		152.00		46.00	\$	44.00		44.00		45.00		86.00
Custom Hire/Lease	\$	10.00	\$	7.00		8.00		106.00		15.00	\$	17.00	_	3.00		3.00		9.00
Land Rent/Costs	\$	160.00	\$	160.00	\$	160.00	\$	160.00	\$	160.00	\$	160.00	\$	160.00	\$	160.00	\$	160.00
Drying					\$	6.00												
					-													
Miscellaneous TOTAL DIRECT EXPENSE	\$ <b>\$</b>	14.00 <b>490.00</b>		13.00 <b>397.00</b>	\$	22.00 <b>654.00</b>	\$ <b>\$</b>	39.00 <b>1,145.00</b>	\$	6.00 <b>419.00</b>	\$ <b>\$</b>	18.00 <b>456.00</b>	\$	14.00 <b>584.00</b>	\$	15.00 <b>417.00</b>	\$	392.00
Miscellaneous TOTAL DIRECT EXPENSE OVERHEAD EXPENSES	\$ No	490.00 L/M	\$ No I	397.00 /M	\$ \$ No	22.00 <b>654.00</b> L/M	\$ No L	1,145.00 _/M	\$ No I	419.00 _/M	\$ No L	456.00 /M	\$ No L	584.00 /M	\$ No I	417.00 L/M	\$ No L/M	392.00
Miscellaneous TOTAL DIRECT EXPENSE  OVERHEAD EXPENSES  Overhead Expenses	\$ No	<b>490.00 L/M</b> 69.00	\$ No L	<b>397.00</b> /M 68.00	\$ <b>\$</b> <b>No</b> \$	22.00 <b>654.00</b> L/M	\$ No L	1,145.00 /M 253.00	\$ No I	<b>419.00 _/M</b> 58.00	\$ No L	/M 72.00	\$ No L	<b>584.00</b> /M 85.00	\$ No I	417.00 L/M 95.00	\$ No L/M	122.00
Miscellaneous TOTAL DIRECT EXPENSE OVERHEAD EXPENSES	\$ No	490.00 L/M	\$ No L	397.00 /M	\$ <b>\$</b> <b>No</b> \$	22.00 <b>654.00</b> L/M	\$ No L	1,145.00 _/M	\$ No I	419.00 _/M	\$ No L	456.00 /M	\$ No L	584.00 /M	\$ No I	417.00 L/M	\$ No L/M	392.00
Miscellaneous TOTAL DIRECT EXPENSE  OVERHEAD EXPENSES  Overhead Expenses	\$ No	490.00 L/M 69.00 69.00	\$ No I \$	<b>397.00</b> /M 68.00	\$ \$ No \$	22.00 <b>654.00</b> L/M	\$ No L \$	1,145.00 /M 253.00	\$ No I \$	<b>419.00 _/M</b> 58.00	\$ No I \$	/M 72.00	\$ No L \$	<b>584.00</b> /M 85.00	\$ No I \$	417.00 L/M 95.00	\$ No L/M \$ \$	392.00 I 122.00 122.00
Miscellaneous TOTAL DIRECT EXPENSE  OVERHEAD EXPENSES  Overhead Expenses TOTAL OVERHEAD EXPENSE	\$ No \$	490.00 L/M 69.00 69.00	\$ No L \$ \$	397.00 /M 68.00 68.00	\$ \$ No \$ \$	22.00 <b>654.00</b> L/M 120.00 <b>120.00</b>	\$ No L \$ \$	1,145.00  /M  253.00  253.00	\$ No I \$ \$	419.00 _/M 58.00 58.00	\$ No L \$ \$	/M 72.00 72.00 528.00	\$ No L \$	584.00 /M 85.00 85.00	\$ No ! \$ \$	417.00 L/M 95.00 95.00	\$ No L/N \$ \$	392.00 1 122.00 122.00 514.00
Miscellaneous TOTAL DIRECT EXPENSE  OVERHEAD EXPENSES  Overhead Expenses TOTAL OVERHEAD EXPENSE  TOTAL EXPENSES/ACRE  NET RETURN/ACRE	\$ No \$ \$ \$	490.00 L/M 69.00 69.00 559.00 (73.89)	\$ No L \$ \$	397.00 /M 68.00 68.00 465.00 (30.35)	\$ No \$ \$	22.00 654.00  L/M 120.00 120.00 774.00	\$ No L \$ \$	1,145.00 /M 253.00 253.00 1,398.00 871.23	\$ No I \$ \$	419.00  JM  58.00  58.00  477.00  (104.85)	\$ No L \$ \$	72.00 72.00 72.00 528.00	\$ No L \$ \$	584.00 /M 85.00 85.00 669.00	\$ No I \$ \$	417.00 L/M 95.00 95.00 512.00 (76.43)	\$ No L/N \$ \$ \$	392.00 1 122.00 122.00 514.00
Miscellaneous TOTAL DIRECT EXPENSE  OVERHEAD EXPENSES  Overhead Expenses TOTAL OVERHEAD EXPENSE  TOTAL EXPENSES/ACRE  NET RETURN/ACRE  Estimated Income	\$ No \$ \$ \$ \$	490.00 L/M 69.00 69.00 559.00 (73.89) 485.11	\$ No I \$ \$	397.00 /M 68.00 68.00 465.00 (30.35)	\$ \$ No \$ \$	22.00 654.00  L/M 120.00 120.00 774.00 (95.39)	\$ No L \$ \$ \$	1,145.00  /M  253.00 253.00  1,398.00  871.23  2,269.23	\$ No   \$ \$ \$ \$	419.00  JM  58.00  58.00  477.00  (104.85)  372.16	\$ No L \$ \$ \$	/M 72.00 72.00 528.00 29.31 557.31	\$ No L \$ \$ \$	584.00 /M 85.00 85.00 669.00 35.00	\$ No ! \$ \$	417.00 L/M 95.00 95.00 512.00 (76.43)	\$ No L/N \$ \$ \$ \$ \$ \$ \$	392.00 1 122.00 122.00 514.00 52.40
Miscellaneous TOTAL DIRECT EXPENSE  OVERHEAD EXPENSES  Overhead Expenses TOTAL OVERHEAD EXPENSE  TOTAL EXPENSES/ACRE  NET RETURN/ACRE  Estimated Income Estimated Expense	\$ No \$ \$ \$ \$ \$ \$ \$ \$	490.00 L/M 69.00 69.00 559.00 (73.89) 485.11 559.00	\$ No L \$ \$ \$ \$ \$ \$ \$ \$ \$	397.00 /M 68.00 68.00 465.00 (30.35) 434.65 465.00	\$ No \$ \$ \$ \$ \$ \$ \$	22.00 654.00  L/M 120.00 120.00 774.00 (95.39) 678.61 774.00	\$ No L \$ \$ \$ \$ \$ \$ \$	1,145.00  /M  253.00 253.00  1,398.00  871.23  2,269.23 1,398.00	\$ No I \$ \$ \$ \$ \$ \$ \$	419.00  58.00 58.00 477.00  (104.85) 372.16 477.00	\$ No L \$ \$ \$ \$ \$ \$ \$	72.00 72.00 72.00 528.00 29.31 557.31 528.00	\$ No L \$ \$ \$ \$ \$ \$ \$ \$ \$	584.00  /M  85.00  85.00  669.00  704.00  669.00	\$ No I \$ \$ \$ \$ \$ \$ \$ \$ \$	417.00 L/M 95.00 95.00 512.00 (76.43) 435.57 512.00	\$ No L/N \$ \$ \$ \$ \$ \$	392.00 1 122.00 122.00 514.00 52.40 566.40 514.00
Miscellaneous TOTAL DIRECT EXPENSE  OVERHEAD EXPENSES  Overhead Expenses TOTAL OVERHEAD EXPENSE  TOTAL EXPENSES/ACRE  NET RETURN/ACRE  Estimated Income Estimated Expense Profit Per Acre	\$ No \$ \$ \$ \$	490.00 69.00 69.00 559.00 (73.89) 485.11 559.00 (73.89)	\$ No L \$ \$ \$ \$ \$ \$ \$ \$ \$	397.00 /M 68.00 68.00 465.00 (30.35) 434.65 465.00 (30.35)	\$ \$ \$ \$ \$ \$	22.00 654.00 L/M 120.00 120.00 774.00 (95.39) 678.61 774.00 (95.39)	\$ No L \$ \$ \$ \$ \$ \$ \$	1,145.00  /M 253.00 253.00 1,398.00 871.23 2,269.23 1,398.00 871.23	\$ No I \$ \$ \$ \$ \$ \$ \$	419.00  58.00  58.00  477.00  (104.85)  372.16  477.00  (104.85)	\$ No L \$ \$ \$ \$ \$ \$ \$	72.00 72.00 72.00 528.00 29.31 557.31 528.00 29.31	\$ No L \$ \$ \$ \$ \$ \$ \$ \$ \$	584.00  /M  85.00  85.00  669.00  704.00  669.00  35.00	\$ No ! \$ \$ \$ \$ \$ \$ \$ \$ \$	417.00 L/M 95.00 95.00 512.00 (76.43) 435.57 512.00 (76.43)	\$ No L/N \$ \$ \$ \$ \$ \$	392.00 1 122.00 122.00 514.00 52.40 566.40 514.00
Miscellaneous TOTAL DIRECT EXPENSE  OVERHEAD EXPENSES  Overhead Expenses TOTAL OVERHEAD EXPENSE  TOTAL EXPENSES/ACRE  NET RETURN/ACRE  Estimated Income Estimated Expense	\$ No \$ \$ \$ \$ \$ \$ \$ \$	490.00 L/M 69.00 69.00 559.00 (73.89) 485.11 559.00	\$ No L \$ \$ \$ \$ \$ \$ \$ \$ \$	397.00 /M 68.00 68.00 465.00 (30.35) 434.65 465.00	\$ \$ \$ \$ \$ \$	22.00 654.00  L/M 120.00 120.00 774.00 (95.39) 678.61 774.00	\$ No L \$ \$ \$ \$ \$ \$ \$	1,145.00  /M  253.00 253.00  1,398.00  871.23  2,269.23 1,398.00	\$ No I \$ \$ \$ \$ \$ \$ \$	419.00  58.00 58.00 477.00  (104.85) 372.16 477.00	\$ No L \$ \$ \$ \$ \$ \$ \$	72.00 72.00 72.00 528.00 29.31 557.31 528.00	\$ No L \$ \$ \$ \$ \$ \$ \$ \$ \$	584.00  /M  85.00  85.00  669.00  704.00  669.00	\$ No ! \$ \$ \$ \$ \$ \$ \$ \$ \$	417.00 L/M 95.00 95.00 512.00 (76.43) 435.57 512.00	\$ No L/N \$ \$ \$ \$ \$ \$	392.00 122.00 122.00 514.00 52.40 514.00 52.40
Miscellaneous TOTAL DIRECT EXPENSE  OVERHEAD EXPENSES  Overhead Expenses TOTAL OVERHEAD EXPENSE  TOTAL EXPENSES/ACRE  NET RETURN/ACRE  Estimated Income Estimated Expense Profit Per Acre	\$ No \$ \$ \$ \$ \$ \$ \$ \$	490.00 69.00 69.00 559.00 (73.89) 485.11 559.00 (73.89)	\$ No L \$ \$ \$ \$ \$ \$ \$ \$ \$	397.00 /M 68.00 68.00 465.00 (30.35) 434.65 465.00 (30.35)	\$ \$ \$ \$ \$	22.00 654.00 L/M 120.00 120.00 774.00 (95.39) 678.61 774.00 (95.39)	\$ No L \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,145.00  /M  253.00  253.00  1,398.00  871.23  2,269.23  1,398.00  871.23  62.32%	\$ No I \$ \$ \$ \$ \$ \$ \$	419.00  58.00  58.00  477.00  (104.85)  372.16  477.00  (104.85)	\$ No L \$ \$ \$ \$ \$ \$ \$	72.00 72.00 72.00 528.00 29.31 557.31 528.00 29.31	\$ No L \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	584.00  /M  85.00  85.00  669.00  704.00  669.00  35.00	\$ No I \$ \$ \$ \$ \$ \$ \$ \$ \$	417.00 L/M 95.00 95.00  512.00  (76.43)  435.57 512.00 (76.43) -14.93%	\$ No L/N \$ \$ \$ \$ \$ \$ \$ \$ \$	392.00 1 122.00 122.00 514.00 52.40 566.40 514.00 10.199
Miscellaneous TOTAL DIRECT EXPENSE  OVERHEAD EXPENSES  Overhead Expenses TOTAL OVERHEAD EXPENSE  TOTAL EXPENSES/ACRE  NET RETURN/ACRE  Estimated Income Estimated Expense Profit Per Acre Profit Margin	\$ No \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	490.00 69.00 69.00 559.00 (73.89) 485.11 559.00 (73.89) -13.22%	\$ No I \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	397.00  68.00 68.00 465.00 (30.35) 434.65 465.00 (30.35) -6.53%	\$ \$ \$ \$ \$ \$	22.00 654.00 L/M 120.00 120.00 774.00 (95.39) 678.61 774.00 (95.39) -12.32%	\$ No L \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,145.00  /M  253.00  253.00  1,398.00  871.23  2,269.23  1,398.00  871.23  62.32%	\$ No I \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	419.00  58.00  58.00  477.00  (104.85)  372.16  477.00  (104.85)  -21.98%	\$ No I \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	456.00  72.00 72.00  528.00  29.31  557.31  528.00  29.31  5.55%	\$ No L \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	584.00  /M  85.00  85.00  669.00  704.00  669.00  35.00  5.23%	\$ No I \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	417.00  L/M  95.00  95.00  512.00  (76.43)  435.57  512.00  (76.43)  -14.93%	\$ No L/N \$ \$ \$ \$ \$ \$ \$ \$ \$	392.00 1 122.00 122.00 514.00 52.40 566.40 514.00 10.199
Miscellaneous TOTAL DIRECT EXPENSE  OVERHEAD EXPENSES  Overhead Expenses TOTAL OVERHEAD EXPENSE  TOTAL EXPENSES/ACRE  NET RETURN/ACRE  Estimated Income Estimated Expense Profit Per Acre Profit Margin	\$ No \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	490.00 69.00 69.00 559.00 (73.89) 485.11 559.00 (73.89) -13.22%	\$ No I \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	397.00  /M  68.00  68.00  465.00  (30.35)  434.65  465.00  (30.35)  -6.53%	\$ \$ \$ \$ \$ \$ \$	22.00 654.00 L/M 120.00 120.00 774.00 (95.39) 678.61 774.00 (95.39) -12.32%	\$ No L \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,145.00  /M  253.00 253.00  1,398.00  871.23  2,269.23 1,398.00 871.23 62.32%  49.16 50.91	\$ No I \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	419.00  58.00  58.00  477.00  (104.85)  372.16  477.00  (104.85)  -21.98%	\$ No I \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	456.00  72.00 72.00  528.00  29.31  557.31  528.00  29.31  5.55%	\$ No L \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	584.00  /M  85.00  85.00  669.00  704.00  669.00  35.00  5.23%	\$ No I \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	417.00 L/M 95.00 95.00  512.00  (76.43)  435.57 512.00 (76.43) -14.93%	\$ No L/N \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	392.00 122.00 122.00 514.00 52.40 566.40 514.00 10.199 145.20 159.32
Miscellaneous TOTAL DIRECT EXPENSE  OVERHEAD EXPENSES  Overhead Expenses TOTAL OVERHEAD EXPENSE  TOTAL EXPENSES/ACRE  NET RETURN/ACRE  Estimated Income Estimated Expense Profit Per Acre Profit Margin  BEP L/M & NR \$50/A	No	490.00 69.00 69.00 559.00 (73.89) 485.11 559.00 (73.89) -13.22%	\$ No I \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	397.00  68.00  68.00  465.00  (30.35)  434.65  465.00  (30.35)  -6.53%	\$ \$ \$ \$ \$ \$ \$ \$	22.00 654.00 120.00 120.00 774.00 (95.39) 678.61 774.00 (95.39) -12.32% 4.70 5.00 5.31	\$ No L \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,145.00  253.00 253.00  1,398.00  871.23  2,269.23 1,398.00  871.23 62.32%  49.16 50.91	\$ No I \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	419.00  58.00  58.00  477.00  (104.85)  372.16  477.00  (104.85)  -21.98%	\$ No I \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	456.00  72.00 72.00  528.00  29.31  557.31  528.00  29.31  5.55%  5.59  6.12	\$ No L \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	584.00  85.00  85.00  669.00  704.00  669.00  35.00  5.23%  30.41  32.68	\$ No I \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	417.00 L/M 95.00 95.00  512.00  (76.43)  435.57 512.00 (76.43) -14.93%	\$ No L/N \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	392.00 I 122.00

Developed by Randy Zimmerman, NCTC Ulen-Mahnomen Modified by Josh Tjosaas and Ron Dvergsten-Moorhead

Name:				Farm Busin	ess	Managem	ent-	-Projection fo	or 2	024 Central	RR	V Valley						
2024 Futures		7.27		11.56		4.61		Prices	as o	of 6/5/2024 8:5	8 a.r	n.			J			
2024 PROJECTED FARM (	CASH	H FLOW	BY	CROP/BE	Р													
Projected Future Prices-Basis	\$	(0.30)	\$	(0.60)	\$	(0.30)		Non JV										Old Crop
Based on historical values	W	HEAT	<u>s</u>	<u>OYBEANS</u>		CORN		<u>SugarBeet</u>	5	<u>Sunflowers</u>		<b>Barley</b>	Ed	ible Beans		Seed/Soy		Hay
Acres		1		1		1		1	_	1		1		1		1		1
Yield Per Acre	7	70.00		40.00		165.00		27.50		25.00		85.00		21.00		38.00		3.50
Price Received per unit	\$	6.97	\$		\$	4.31	\$		\$	16.12	_	5.25	\$	33.00	\$	11.96	\$	150.00
Total Product Return per Acre	\$	487.90	\$	438.40	\$	711.15	\$	1,787.50	\$	403.00	\$	446.25	\$	693.00	\$	454.48	\$	525.00
Gross Return per Acre	\$	487.90	\$	438.40	\$	711.15	\$	1,787.50	\$	403.00	\$	446.25	\$	693.00	\$	454.48	\$	525.00
DIRECT EXPENSES																		
Seed	\$	31.00	\$	64.00		101.00	_	290.00	\$	38.00	\$	26.00	\$	70.00		65.00		
Fertilizer	\$	150.00	\$	21.00	_		\$	135.00	\$	70.00	\$	105.00	\$	130.00	_	30.00	\$	60.00
Crop Chemicals	\$	45.00	\$		\$		\$	150.00	\$	50.00	\$	42.00	\$		\$	55.00	\$	6.00
Crop Insurance	\$	16.00	\$	21.00			\$	48.00	\$	13.00	\$	17.00	\$	31.00	_	15.00	\$	4.00
Fuel and Oil	\$ \$	18.00 36.00	\$		\$		\$	70.00	\$	12.00 45.00	\$	24.00 44.00	\$	27.00 42.00	\$	18.00 43.00	\$	38.00 75.00
Repairs Custom Hire/Lease	Φ	8.00	Φ	7.00	Φ	7.00	\$	145.00 110.00	\$	13.00	φ	17.00	\$ \$	5.00	Φ	3.00	<u></u> \$	8.00
Land Rent/Costs	\$		\$		\$	165.00			\$	165.00	\$	165.00	\$	165.00	φ	165.00	<u>φ</u> \$	165.00
Drying	Ψ	100.00	Ψ	103.00	\$	10.00	Ψ	100.00	Ψ	105.00	Ψ	103.00	Ψ	105.00	Ψ	103.00	Ψ	103.00
Miscellaneous	\$	12.00	\$	12.00	\$		\$	32.00	\$	5.00	\$	12.00	\$	13.00	\$	14.00	\$	16.00
TOTAL DIRECT EXPENSE	\$	481.00	\$	393.00	\$	642.00	\$	1,145.00	\$	411.00	\$	452.00	\$	573.00	\$	408.00	\$	372.00
OVERHEAD EXPENSES																		
Overhead Expenses	\$	55.00	\$	55.00	\$	100.00	\$	240.00	\$	55.00	\$	70.00	\$	80.00	\$	90.00	\$	115.00
TOTAL OVERHEAD EXPENSE	\$	55.00	\$	55.00	\$	100.00	\$	240.00	\$	55.00	\$	70.00	\$	80.00		90.00	\$	115.00
			-								•		•		_		•	
TOTAL EXPENSES/ACRE	\$	536.00	\$	448.00	\$	742.00	\$	1,385.00	\$	466.00	\$	522.00	\$	653.00	\$	498.00	\$	487.00
NET RETURN/ACRE	\$	(48.10)	\$	(9.60)	¢	(30.85)	¢	402.50	¢	(63.00)	\$	(75.75)	\$	40.00	¢	(43.52)	¢	38.00
NET RETORNACKE	Ψ	(40.10)	Ψ	(3.00)	Ψ	(30.03)	Ψ	402.30	Ψ	(03.00)	Ψ	(13.13)	Ψ	40.00	Ψ	(+3.32)	Ψ	30.00
Estimated Income	\$	487.90	\$	438.40	\$	711.15	\$	1,787.50	\$	403.00	\$	446.25	\$	693.00	\$	454.48	\$	525.00
Estimated Expense	\$	536.00	\$	448.00	\$	742.00	\$	1,385.00	\$	466.00	\$	522.00	\$	653.00	\$	498.00	\$	487.00
Profit Per Acre	\$	(48.10)	\$	(9.60)	\$	(30.85)	\$	402.50	\$	(63.00)	\$	(75.75)	\$	40.00	\$	(43.52)	\$	38.00
Profit Margin		-8.97%		-2.14%		-4.16%		29.06%		-13.52%		-14.51%		6.13%		-8.74%		7.80%
BEP	\$	7.66	\$	11.20	\$	4.50	\$	50.36	\$	18.64	\$	6.14	\$	31.10	\$	13.11	\$	139.14
L/M & NR \$50/A	\$	8.37	\$	12.45	\$	4.80	\$	52.18	\$	20.64	\$	6.73	\$	33.48	\$	14.42	\$	153.43
L/M & NR \$100/A	\$	9.09	\$	13.70	\$	5.10	\$	54.00	\$	22.64	\$	7.32	\$	35.86	\$	15.74	\$	167.71
L/M & NR \$150/A	\$	9.80	\$		\$	5.41	\$	55.82	\$	24.64	\$	7.91	\$	38.24	\$	17.05	\$	182.00
L/M & NR \$200/A	\$	10.51	\$		\$	5.71	\$	57.64	\$	26.64	\$	8.49	\$	40.62	\$	18.37	\$	196.29
Developed by Randy Zimme	erma		•						-				•	1	•		-	

Developed by Randy Zimmerman, NCTC Ulen-Mahnomen Modified by Josh Tjosaas and Ron Dvergsten-Moorhead

#### **2024 GRAIN SALES SUMMARY**

<u>Name</u>	<u>o</u>	fficial Acres	for 2024 below	<u> </u>							
	Acres	Preharvest Sales	Sales to Date	Bushels to Left to Presell	Percent Sold	Ave	erage Futures Price	A	verage Cash Price	Total	Preharvest Sales
Corn	500	61875	25000	36875	30%	\$	5.48	\$	4.98	\$	124,500.00
Soybean	850	25500	17500	8000	51%	\$	12.30	\$	11.80	\$	206,550.00
Wheat	150	7875	5000	2875	48%	\$	7.54	\$	7.44	\$	37,217.50
Totals	1500									\$	368,267.50

#### **POST HARVEST SALES SUMMARY**

	Acres	Bushels to Sell	l otal Bushels to Produce	Busnels to Lett to Presell		otai Postnarvest Sales	BU/A SOLD		
Corn	500	57500	82500	70%	\$ 4.37	\$ 251,275.00	50.00	\$ 4.29	<b>162.81</b> Cargill
Soybean	850	16500	34000	49%	\$ 10.57	\$ 174,405.00	20.59	\$ 10.56	<b>39.98</b> WCA
Wheat	150	5500	10500	52%	\$ 6.60	\$ 36,300.00	33.33	\$ 7.85	<b>76.95</b> WCA
Other Crop	0.000001			100%		\$ -		#DIV/0!	#DIV/0!
			Tons Produced						
ugarbeets	0.000001	27.00	0.000027	100%	55	0.001485		\$ 52.44	25.745455
Totals	1500					\$ 461,980.00			-
_							ROI	0%	
	Project	Corn Expense	\$ 371,000.00			Net Farr	m Income Ratio	0%	
	Project Soy	bean Expense	\$ 380,800.00				Ī		
	Projected W	heat Expense	\$ 80,400.00			2020 Sales		Net Return	
Pro	jected Sugarb	eet Expenses	\$ 0.00			\$ 830,247.50		\$ (1,952.50)	
Pro	ojected Misc.	Crop Expense	\$ -		'		Return/Acre	\$ (1.30)	
To	otal Project F	arm Expense	\$ 832,200.00						•

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Planning 2	2024 W	heat 1	4% Pro	tein S	ales *	Assume		Using MR	GA for Bas
In/Out Cg =	-0.10	Loan	3.77		F	ree Elev			
Bank Int =	8.50%	Per Mth =	0.71% E	1	9	Storage			
CCC Int =	6.00%	Per Mth =	0.50%		5	Start in Feb			
Home Storage	-0.03		Basis = F	Historical					
Elevator Storage	-0.05								
	Nearby	Cash	6.70			Net Cash	Net Cash	Net Cash	Net Cash
Calendar	Futures	Nearby	Nearbyıt	Interest	Interest	Bank	Bank	Bank	CCC
Month	Month	Futures	Basise	Bank	CCC e	No Store	Elevator	Home	No Store
Jun-24	July	7.200	-0.500	0.000	0.000	6.700	6.700	6.700	6.700
Jul-24	July	7.200	-0.500	-0.047	-0.034	6.553	6.503	6.523	6.567
Aug-24	Sept	7.290	-0.700	-0.095	-0.067	6.395	6.295	6.335	6.423
Sep-24	Sept	7.290	-0.700	-0.142	-0.101	6.348	6.198	6.258	6.390
Oct-24	Sept	7.290	-0.700	-0.190	-0.134	6.300	6.100	6.180	6.356

#### Planning 2024 Corn Sales

\* Assume Free Elev Storage Start in Feb

Home Storage Elevator Storage	-0.03 -0.05		Basis = F	listorical					
	Nearby	Cash	3.84			Net Cash	Net Cash	Net Cash	Net
Calendar	Futures	Nearby	Nearbyit	Interest	Interest	Bank	Bank	Bank	
Month	Month	Futures	Basis e	Bank	CCC e e	No Store	Elevator	Home	No
Jun-24	July	4.410	-0.570	0.000	0.000	3.840	3.840	3.840	
Jul-24	July	4.410	-0.570	-0.027	-0.019	3.713	3.663	3.683	
Aug-24	Sept	4.482	-0.570	-0.054	-0.038	3.758	3.658	3.698	
Sep-24	Sept	4.482	-0.520	-0.082	-0.058	3.780	3.630	3.690	;
Oct-24	Dec	4.616	-0.670	-0.109	-0.077	3.737	3.587	3.617	
Nov-24	Dec	4.616	-0.670	-0.136	-0.096	3.710	3.560	3.560	
Dec-24	Dec	4.616	-0.670	-0.163	-0.115	3.683	3.533	3.533	

Planning 2	2024 S	oybea	n Sales		*	Assume			
In/Out Cg =	-0.10	Loan	5.97		F	ree Elev			
Bank Int =	8.50%	Per Mth =	0.71% E	1		torage tart in Feb			
CCC Int =	6.00%	Per Mth =	0.50%						
Home Storage	-0.03		Basis = F	listorical					
Elevator Storage	-0.05								
	Nearby	Cash	10.63			Net Cash	Net Cash	Net Cash	Net Cash
Calendar	Futures	Nearby	Nearbyıt	Interest	Interest	Bank	Bank	Bank	CCC
Month	Month	Futures	Basis e	Bank	CCC e a	No Store	Elevator	Home	No Store
Jun-24	July	11.812	-1.180	0.000	0.000	10.632	10.632	10.632	10.632
Jul-24	July	11.812	-1.180	-0.075	-0.053	10.457	10.407	10.427	10.479
Aug-24	Nov	11.560	-0.800	-0.151	-0.106	10.509	10.409	10.449	10.554
Sep-24	Nov	11.560	-0.800	-0.226	-0.159	10.434	10.284	10.344	10.501
Oct-24	Nov	11.560	-0.800	-0.301	-0.213	10.359	10.159	10.239	10.447
Nov-24	Nov	11.560	-0.800	-0.376	-0.266	10.284	10.084	10.134	10.394



## **Center for Farm Financial Management University of Minnesota**

http://www.cffm.umn.edu/GrainMarketing/marketingplans.aspx

Corn: 2024 Pre-Harvest Marketing Plan

by Edward Usset

Expected 2024 production: 100,000 bushels

Objective: Buy crop insurance to protect my production risk and have 75% of my anticipated corn crop (based on APH) priced by mid-June.

- Price 15,000 bushels at \$5.05 cash price (\$5.45 Dec. futures) using forward contract/futures hedge/futures fixed contract.
- Price 10,000 bushels at \$5.45c/\$5.85f, or by April 23, pricing tool to-be-determined (tbd).
- Price 15,000 bushels at \$5.85c/\$6.25f, or by May 8, pricing tool tbd.
- Price 10,000 bushels at \$6.25c/\$6.65f, or by May 23, pricing tool tbd.
- Price 15,000 bushels at \$6.65c/\$7.05f, or by June 5, pricing tool tbd.
- Price the last 10,000 bushels at \$7.05c/\$7.45f, or by June 21, pricing tool tbd.

Plan starts on January 1, 2024. Earlier sales may be made at a 50-cent premium and would be limited to 30.000 bushels.

Ignore decision dates and make no sale if prices are lower than \$5.05 local cash price/\$5.45 December futures.



# **Center for Farm Financial Management University of Minnesota**

http://www.cffm.umn.edu/GrainMarketing/marketingplans.aspx

Corn: Execution of the 2024 Pre-Harvest Marketing Plan by Edward Usset

Expected 2024 production: 100,000 bushels

Objective: Buy crop insurance to protect my production risk and have 75% of my anticipated corn crop (based on APH) priced by mid-June.

- Price 15,000 bushels at \$5.05 cash price (\$5.45 Dec. futures) using forward contract/futures hedge/futures fixed contract. Futures sale May 20, 2024 @ \$4.841/4 Dec'24 contract
- Price 10,000 bushels at \$5.45c/\$5.85f, or by April 23, pricing tool to-be-determined (tbd).
- Price 15,000 bushels at \$5.85c/\$6.25f, or by May 8, pricing tool tbd.
- Price 10,000 bushels at \$6.25c/\$6.65f, or by May 23, pricing tool tbd.
- Price 15,000 bushels at \$6.65c/\$7.05f, or by June 5, pricing tool tbd.
- Price the last 10,000 bushels at \$7.05c/\$7.45f, or by June 21, pricing tool tbd.

The plan starts on January 1, 2024. Earlier sales may be made at a 50-cent premium and would be limited to 30,000 bushels.

Ignore decision dates and make no sale if prices are lower than \$5.05 local cash price/\$5.45 December futures.



### **Center for Farm Financial Management University of Minnesota**

http://www.cffm.umn.edu/GrainMarketing/marketingplans.aspx

Corn: Execution of the 2024 Pre-Harvest Marketing Plan by Edward Usset

May 20, 2024: New crop futures prices are 60 cents below my minimum price objective. They are also 40 cents better than the late-February lows. I don't like pricing at these levels but I need to get something on the books for new crop sales. I always hope that my first sales is my worst sale, but it is also possible that Dec'24 corn could reach prices of \$4.30 or less by harvest if the corn crop is large.

2024 status: I am 15% sold with Dec'24 futures at \$4.84, or a cash price at harvest of about \$4.40.



### **Center for Farm Financial Management University of Minnesota**

http://www.cffm.umn.edu/GrainMarketing/marketingplans.aspx

Soybeans: 2024 Pre-Harvest Marketing Plan

by Ed Usset

Expected 2024 production: 27,000 bushels

Objective: Buy crop insurance to protect my production risk and have 75% of my anticipated soybean crop priced by mid-June.

- Price 5,000 bushels at \$12.40 cash price (\$12.90 Nov futures) using forward contract/futures hedge/futures fixed contract.
- Price 5,000 bushels at \$13.40c/\$13.90f, or by April 23, pricing tool to-be-determined (tbd).
- Price 5,000 bushels at \$14.40c/\$14.90f, or by May 23, pricing tool tbd.
- Price 5,000 bushels at \$15.40c/\$15.90f, or by June 21, pricing tool tbd.

Plan starts on January 1, 2024. Earlier sales may be made at a 75-cent premium and would be limited to 10.000 bushels.

Ignore decision dates and make no sale if prices are lower than \$12.40 local cash price/\$12.90 November futures.



## **Center for Farm Financial Management University of Minnesota**

http://www.cffm.umn.edu/GrainMarketing/marketingplans.aspx

Soybeans: Execution of the 2024 Pre-Harvest Marketing Plan

by Ed Usset

Expected 2024 production: 27,000 bushels

Objective: Buy crop insurance to protect my production risk and have 75% of my anticipated soybean crop priced by mid-June.

- Price 5,000 bushels at \$12.40 cash price (\$12.90 Nov futures) using forward contract/futures hedge/futures fixed contract. Futures sale on May 20, 2024 @ \$12.16¾ Nov'24 contract
- Price 5,000 bushels at \$13.40c/\$13.90f, or by April 23, pricing tool to-be-determined (tbd).
- Price 5,000 bushels at \$14.40c/\$14.90f, or by May 23, pricing tool tbd.
- Price 5,000 bushels at \$15.40c/\$15.90f, or by June 21, pricing tool tbd.

Plan starts on January 1, 2024. Earlier sales may be made at a 75-cent premium and would be limited to 10.000 bushels.

Ignore decision dates and make no sale if prices are lower than \$12.40 local cash price/\$12.90 November futures.



# **Center for Farm Financial Management University of Minnesota**

http://www.cffm.umn.edu/GrainMarketing/marketingplans.aspx

**Soybeans: Execution of the 2024 Pre-Harvest Marketing Plan** by Ed Usset

May 20, 2024: New crop futures prices are nearly 75 cents below my minimum price objective. They are also 90 cents better than the late-February lows. I don't like pricing at these levels but I need to get something on the books for new crop sales. I always hope that my first sales is my worst sale, but it is also possible that Nov'24 soybeans could reach prices of \$11.00 or less by harvest if the soybean crop is large.

I am 18% sold on the 2024 crop at an average Nov'24 futures price of \$12.17 or a cash price of about \$11.70 per bushel.



## **Center for Farm Financial Management University of Minnesota**

http://www.cffm.umn.edu/GrainMarketing/marketingplans.asp

Spring Wheat: 2024 Pre-Harvest Marketing Plan by Edward Usset

Expected 2024 production: 30,000 bushels

Objective: Buy crop insurance to protect my production risk and have 75% of my APH insured wheat crop priced by mid-June.

- Price 5,000 bushels at \$7.90 cash price (\$8.30 September futures) using forward contract/futures hedge/futures fixed contract.
- Price 5,000 bushels at \$8.40c/\$8.80f, or by March 25, pricing tool to-be-determined (tbd).
- Price 2,500 bushels at \$8.90c/\$9.30f, or by April 23, pricing tool tbd.
- Price 5,000 bushels at \$9.40c/\$9.80f, or by May 23, pricing tool tbd.
- Price my last 5,000 bushels at \$9.90c/\$10.30f, or by June 21, pricing tool tbd.

Plan starts on January 1, 2024. Earlier sales may be made at a 50-cent premium and would be limited to 15,000 bushels.

I will consider the Dec'24 futures contract for new crop sales at a 18-cent premium to Sep'24.

Ignore decision dates and make no sale if prices are lower than \$7.90 local cash price/\$8.30 September futures.



# **Center for Farm Financial Management University of Minnesota**

http://www.cffm.umn.edu/GrainMarketing/marketingplans.asp

Spring Wheat: Execution of the 2024 Pre-Harvest Marketing Plan by Edward Usset

Expected 2024 production: 30,000 bushels

Objective: Buy crop insurance to protect my production risk and have 75% of my APH insured wheat crop priced by mid-June.

- Price 5,000 bushels at \$7.90 cash price (\$8.30 September futures) using forward contract/futures hedge/futures fixed contract. Futures sale on May 20, 2024 @ \$7.49½ Sep'24 contract
- Price 5,000 bushels at \$8.40c/\$8.80f, or by March 25, pricing tool to-be-determined (tbd).
- Price 2,500 bushels at \$8.90c/\$9.30f, or by April 23, pricing tool tbd.
- Price 5,000 bushels at \$9.40c/\$9.80f, or by May 23, pricing tool tbd.
- Price my last 5,000 bushels at \$9.90c/\$10.30f, or by June 21, pricing tool tbd.

Plan starts on January 1, 2024. Earlier sales may be made at a 50-cent premium and would be limited to 15,000 bushels.

I will consider the Dec'24 futures contract for new crop sales at an 18-cent premium to Sep'24.

Ignore decision dates and make no sale if prices are lower than \$7.90 local cash price/\$8.30 September futures.



## **Center for Farm Financial Management University of Minnesota**

http://www.cffm.umn.edu/GrainMarketing/marketingplans.aspx

### Spring Wheat: Execution of the 2024 Pre-Harvest Marketing Plan by Edward Usset

May 20, 2024: New crop futures prices are 80 cents below my minimum price objective. They are also more than \$1/bu. above the early April lows. I don't like pricing at these levels but I need to get something on the books for new crop sales. I always hope that my first sales is my worst sale, but it is also possible that Sep'24 wheat could drop back below the early April lows of \$6.48/bu. by harvest.

I am 17% sold on the 2024 crop at an average Sep'24 futures price of \$7.50 or a cash price of about \$7.00 per bushel.

